



INTEGRATION OF JINR INFORMATION RESOURCES

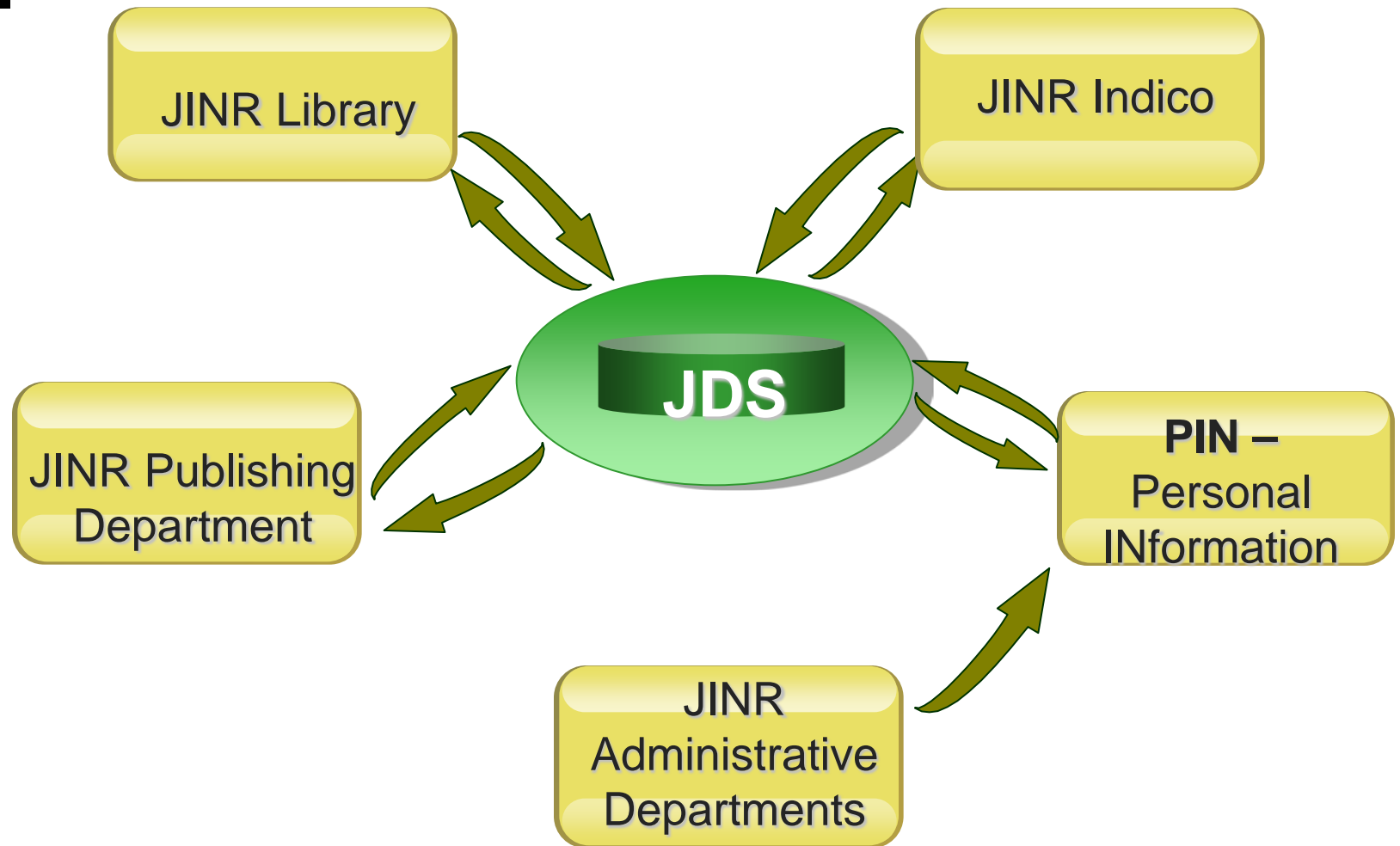
G. MUSULMANBEKOV
JINR, Dubna

OR'2014, HELSINKI, 2014

JINR Information Resources

- ❑ Scientific Library
- ❑ Publishing Department: PEPAN, PEPAN Letters
- ❑ Personal **I**nformation system, **PIN**
- ❑ JINR Invenio – **JINR Document Server, JDS**
- ❑ JINR Indico
- ❑ Many others

JINR Information Resources





Jinr Document Server (JDS)

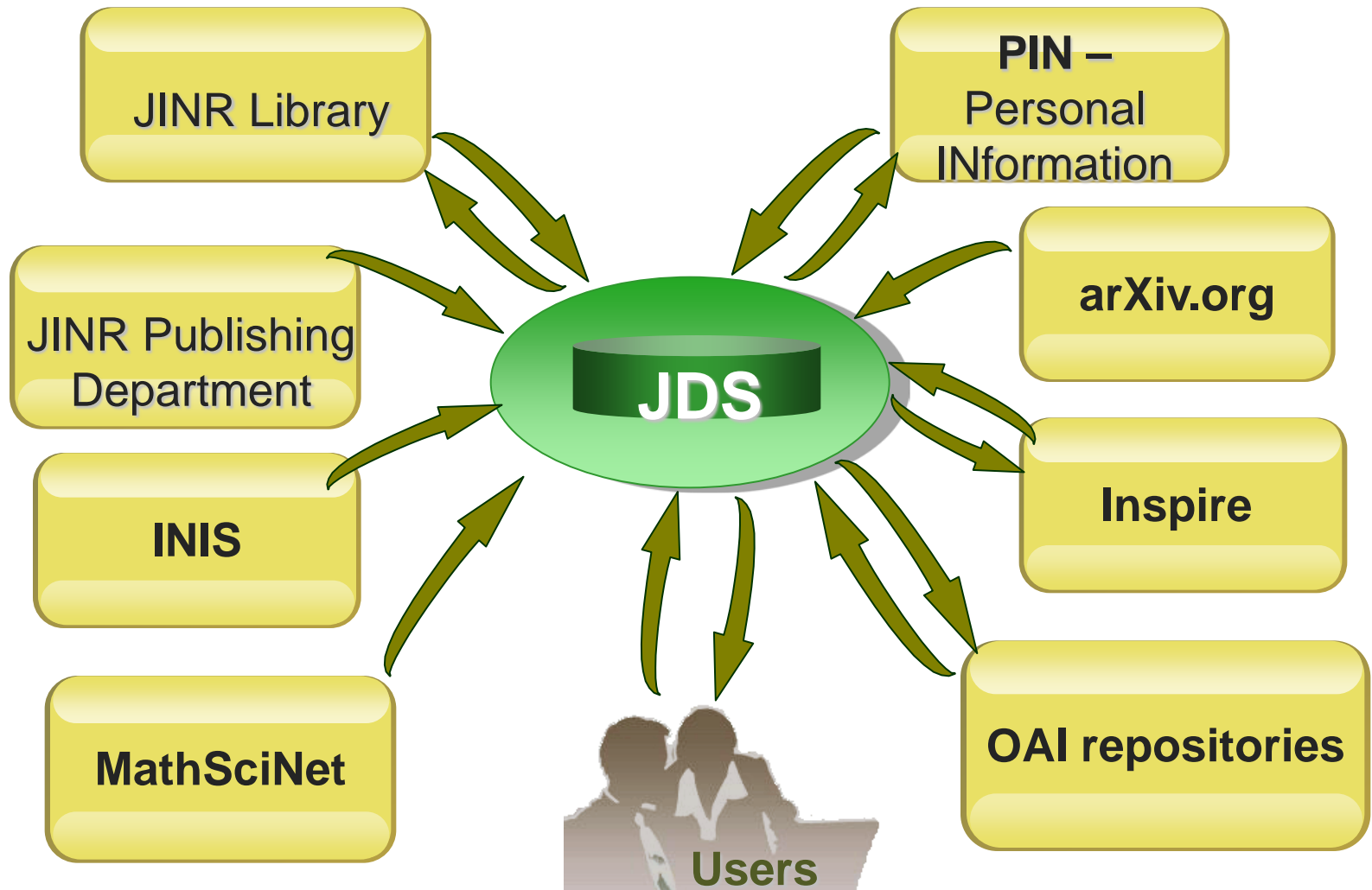
JDS has created and developed as an
institutional repository with following content:

1. The research and scientific-related documents:
 - Publications issued in coauthorship with JINR researchers;
 - Archive documents that describe all the essential stages of the JINR research activity;
2. Documents providing informational support for scientific and technological research performed in JINR.


Sources for JDS

Non-OAI sources

OAI sources



JDS Collections



JINR Document Server

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Narrow by collection:


- ☒ [Articles & Preprints](#) (35,648)
[Articles](#) (15,154) [Preprints](#) (18,021) [Conference Papers](#) (3,261)
- ☒ [Books and Reports](#) (3,176)
[Reports](#) (226) [Books](#) (2,950)
- ☒ [Conferences, Presentations and Talks](#) (22,863)
[Conferences Announcements](#) (4,903) [Conferences Proceedings](#) (17,866) [Lectures for young scientists](#) (88) [Notes of Schools and Seminars](#) (3) [Talks](#) (3) [Notes](#) (3)
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[INDICOSEARCH.events](#) (0) [INDICOSEARCH.contribs](#) (0) [INDICOPUBLIC](#) (0)
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[Abstracts](#) (151) [Theses Fulltexts](#) (4)
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Focus on:

- [JINR Articles & Preprints](#) (25,321)
[JINR Published Articles](#) (13,033) [JINR Preprints](#) (15,014)
- [Lectures for Students and Post-Graduates](#) (318)
[Archive](#) (282) [Schools](#) (36)
- [JINR Conferences](#) (191)
- [JINR Annual Reports](#) (198)
[JINR](#) (18) [VBLHEP](#) (24) [BLTP](#) (25) [FLNR](#) (22) [FLNP](#) (34) [DLNP](#) (16)
[LIT](#) (28) [LRB](#) (18) [UC](#) (13)
- [High Energy Experiments in JINR](#) (223)
[FASA-3](#) (1) [MARUSYA](#) (3) [EDBIZ](#) (0) [BECQUEREL](#) (0) [NUCLOTRON & NUCLOTRON-M](#) (181) [NIS](#) (0) [NICA/MPD](#) (46)
- [Heavy Ion Physics Experiments in JINR](#) (12)
[ACCULINNA](#) (2) [DRIBS](#) (1) [DRIBS-2](#) (0) [CORSET-DEMON](#) (0)
- [MASHA](#) (1) [VASSILISSA](#) (8)
- [Non-accelerator Neutrino Physics & Astrophysics](#) (191)
[BAIKAL](#) (120) [EDELWEISS & EDELWEISS-II](#) (15) [GERDA](#) (14)
[GEMMA & GEMMA-II](#) (8) [LESI](#) (0) [NEMO](#) (34)
- [External Experiments](#) (1,566)
[SPS](#) (250) [FAIR](#) (79) [RHIC](#) (366) [LHC](#) (874)

Search also:

JDS Video Collections

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*** add another collection ***

Sort by:Display results:Output format:

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desc

- or rank by -


10 results

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HTML brief

Video Lectures213 records found◀◀21 - 30▶▶jump to record: Search took 0.00 seconds.

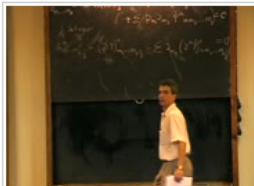
21.



Introduction into a Classical Theory of Higher Spin Fields. Part III
by [D. SOROKIN](#)
JINR_VIDEO_LECTURE

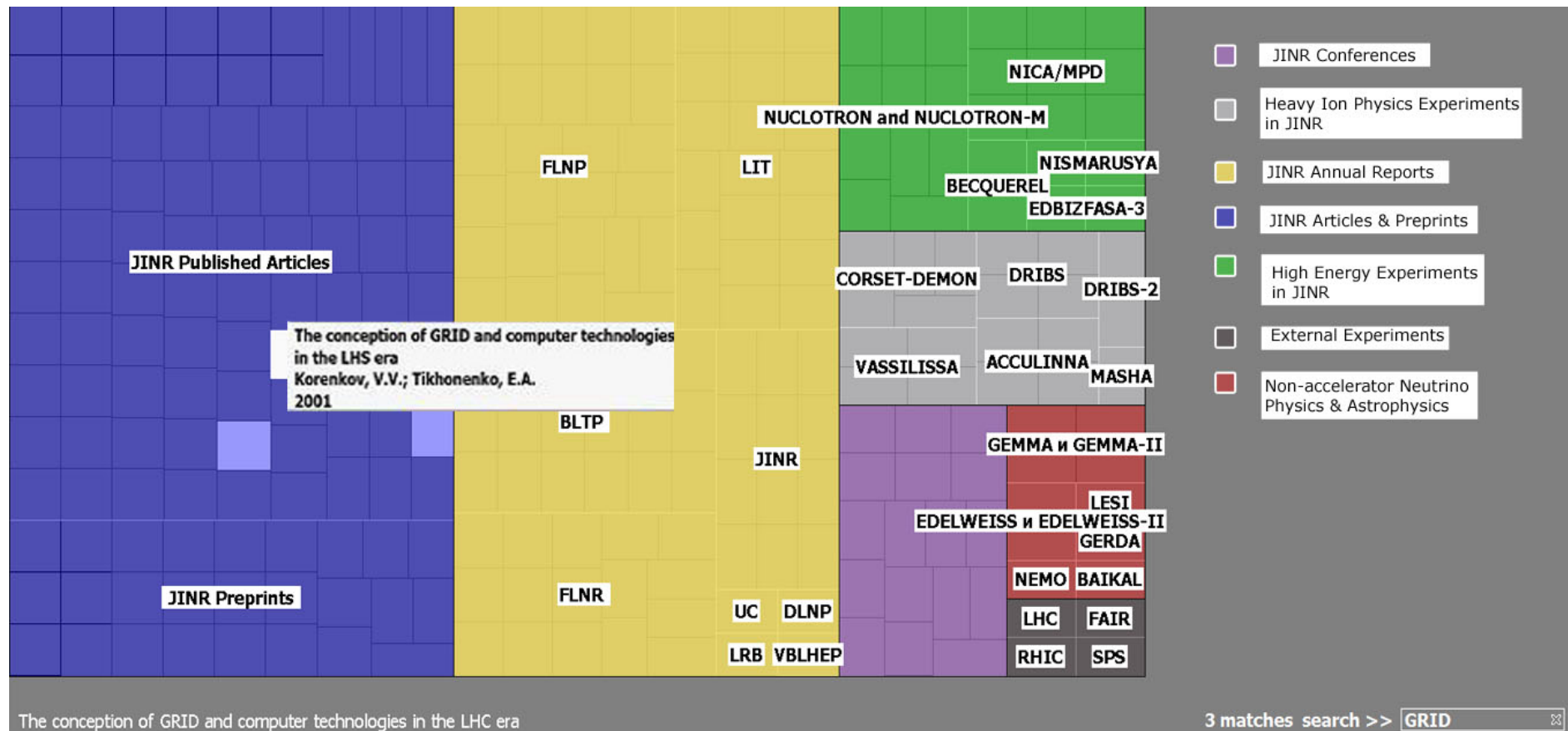
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22.

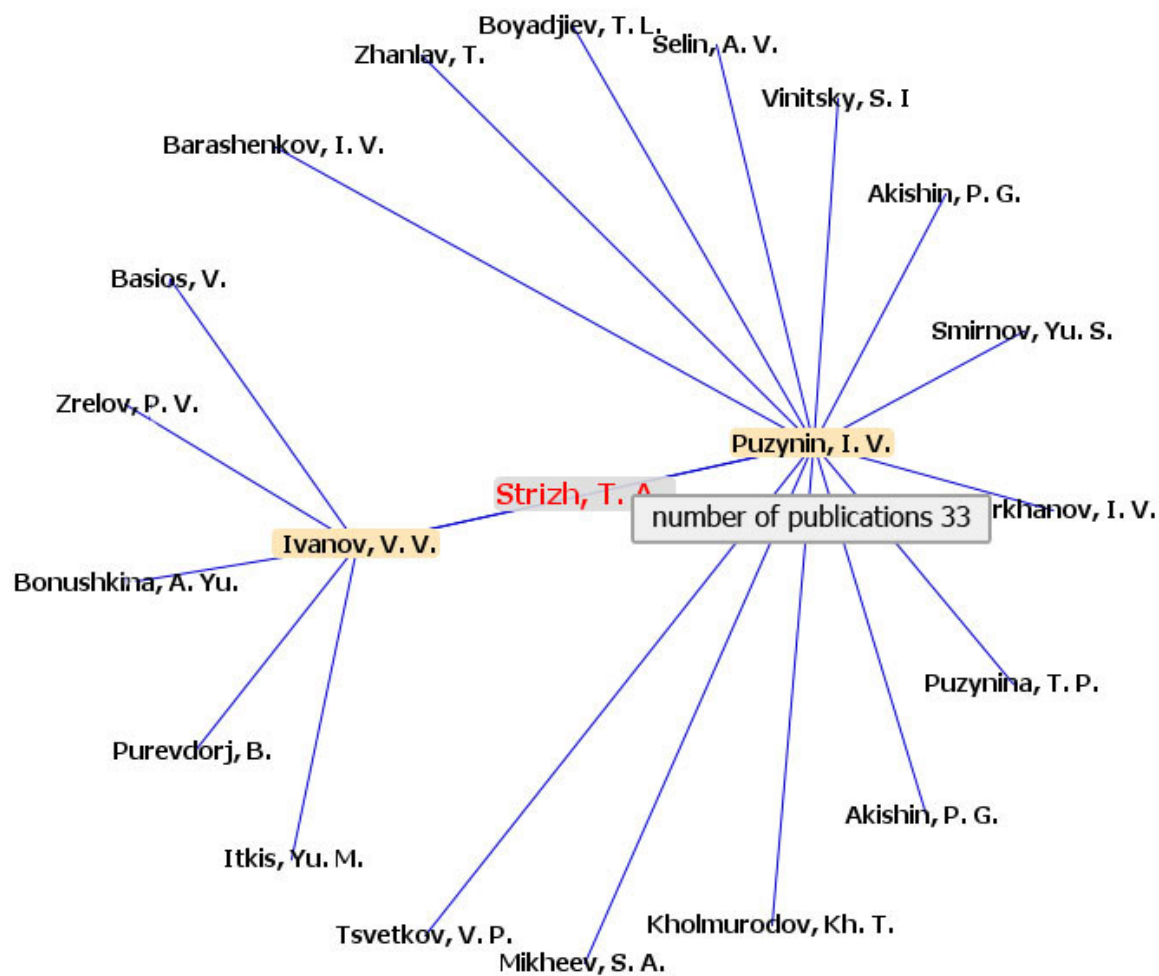


Introduction into a Classical Theory of Higher Spin Fields. Part II
by [D. SOROKIN](#)
JINR_VIDEO_LECTURE

Visualization of JDS content



Visualization of coauthorship



Strizh, T. A.

search >>

JINR Information Resources

Scientific Library

- ❑ Current state: **Apsateque** platform
- ❑ Book metadata → **JDS**
- ❑ Plans for future: transition to the **Invenio** platform (**BibCirculation**)

JINR Information Resources

JINR Publishing Department

e – journals:

- Physics of Elementary Particles and Atomic Nuclei, **PEPAN**
- **PEPAN Letters**

Platform : Open Journal System, **OJS**

Data → **JDS** by harvesting

JINR Information Resources

Personal Information system, PIN

Idea: Initial concepts of CRIS

PIN – information system on personal profiles

- Education
 - Publications
 - Teaching
 - Grants
 - Innovations
 - Patents
- Goal: Research performance indication

JINR Information Resources

Personal Information system, PIN


Software

- **JAVA Servlet,**
- **AJAX,**
- **DHTML,**
- **WALT** (Web Application Lego Toolkit)

PIN


ЛІНІР Webmail :: Welcome x PIN - персональная інфа x

← → ↻ ↗ <https://pin.jinr.ru/pin/pin> ☆ ≡

ПИН  **Персональная информация о сотрудниках ОИЯИ** 🔍 [расширенный поиск >>](#)

Структура Института

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 - ▶ ЛФВЭ
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 - ▶ ЛНФ
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 - ▶ НТОВКиРИС
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 - ▶ НТОПИО
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 - ▶ НЦ ИРИС
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- ▶ УПИИР
- ▶ УНОРИМС
- ▶ УХОИКС
- ▶ УСИ
- ▶ Службы
- ▶ Хозрасчетные
- ▶ не опр.



Гердт Владимир Петрович

Общие данные **Публикации** **Деятельность**

Образование: Высшее образование
Ученая степень: Доктор наук
Ученое звание: Профессор

Должности: - Лаборатория информационных технологий, Научный отдел
вычислительной физики,
начальник сектора
☎ 63437, 🏠 корп.134, каб.353

Research Interests: Computer Algebra, Symbolic and Algebraic Computation, Algebraic Analysis of Nonlinear Algebraic and Differential Equations, Computer Algebra Application to Mathematics and Physics, Quantum Computing.
<http://compalg.jinr.ru/CAGroup/Gerdts/index.htm>


КОНТАКТЫ >>

PIN

JINR Webmail :: Welcome x PIN - персональная инф x

← → ↻ 🏠 <https://pin.jinr.ru/pin/pin> ☆ ☰

🔍 Язык этой страницы английский ▾ Хотите перевести ее? Перевести Нет Настройки x

ПИН  **Персональная информация о сотрудниках ОИЯИ** [Вход](#) 🔍 Фамилия: [Искать](#) [расширенный поиск >>](#)

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 - ▶ Рук-во ЛИТ
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- ▶ не опр.

Гердт Владимир Петрович [Вернуться в список](#)

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Показать:

Данные за: 2014 г. 3 года **5 лет** всё время с 2009 по 2014

Тип: Все [Обновить список](#)

Результат:

	к-во
▶ Публикации в рецензируемых журналах	38
▶ Статьи в научных сборниках и периодических изданиях	7
▶ Материалы научных мероприятий	19
▶ Электронные публикации	3
Всего:	67

Публикации в рецензируемых журналах:

Год	Название статьи	Авторы	Привязка	Полное название журнала	Том	№ журнала	Страницы
русские:							
2014	Describing orbit space of global unitary actions for mixed qudit states	Vladimir Gerdt, Arsen Khvedelidze and Yuri Pali	В.П.Гердт, Ю.Палий, А.Хведелидзе	Записки научных семинаров Санкт-Петербургского отделения математического института им. В.А.Стеклова РАН, ISSN:0373-2703, ISSN:0132-6638	421		68-80

Русский (Россия) 64%

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Plans for the future

Institutional CRIS

Benefits

- **for researchers:**
easy access to relevant information and associated software
- **for research managers and administrators:**
 - ✓ easy measurement and analysis of research activity
 - ✓ easy access to comparative information;
 - ✓ evaluation and assessment
- **for research councils:** optimisation of the funding process



Plans for the future

Institutional **CRIS**

Challenge: which platform should be at a core?

- to develop PIN
- Invenio: **JDS** + **HepNames** + ...
- **What are news from CERN?**



Thank you for your attention!

What is further?



1. The concept of extension of entities

- *Publication* +
- Author's profile
- Proposals
- Projects
- Grants
- Results
- Patents

2. Semantic links between entities

3. Visualization of search and navigation

- 2D
- 3D

4. Social networks of scientists